

Washing of membrane cartridge filters

L20 ANSWER 50 OF 121 HCA COPYRIGHT 2002 ACS

AN 105:174908 HCA

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SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61153104	A2	19860711	JP 1984-273579	19841227
	JP 05075449	B4	19931020		

AB A liq. filter has externally pressurized hollow-fiber membrane cartridges suspended by a tube-board at their upper ends and plugged free-ends at lower ends in a shell having a liq. distributor at its bottom and a liq. outlet at its top across the tube board. The filter is washed by pressurized air flow reversely applied from the liq. outlet into the membrane tube and forced mixing the air (100-800 m³/m².h) with the shell-side liq. to remove the accumulated cake on the fiber outside surface.